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What is claimed is:

- 1. A semiconductor package, comprising:
- a semiconductor chip having a first face and an opposite second face, the first face having a plurality of input/output pads thereon;
 - a circuit board having a first face, an opposite second face, a through hole between the first and second faces, and an electrically conductive circuit pattern layer on the first face, wherein the semiconductor chip is within the through hole and the first face of the semiconductor chip faces in a same direction as the first face of the circuit board;
 - a plurality of electrical conductors that electrically connect the input/output pads of the semiconductor chip to the circuit pattern of the first face of the circuit board;
 - an encapsulant that covers the semiconductor chip, electrical conductors, and at least part of the first face the circuit board, and is within the through hole; and
- a plurality of conductive balls fused to the circuit pattern on the first face of the circuit board.
 - 2. The semiconductor package of claim 1, further comprising a metal thin film covering the second face of the circuit board and the second face of the semiconductor chip.
 - 3. The semiconductor package of claim 2, wherein the circuit board has a conductive via hole which electrically connects the circuit pattern layer formed on the first face of the circuit board to the metal thin film.

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5. The semiconductor package of in claim 4, wherein the circuit board has a via hole which electrically connects the circuit pattern layer on the first face of the circuit board to the second circuit pattern layer on its second face.

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- 6. The semiconductor package of claim 1, wherein the second face of the semiconductor chip is exposed.
- 7. The semiconductor package of claim 1, further

 15 comprising a heat spreading plate on the second face of the circuit board and the second face of the semiconductor chip.
- 8. The semiconductor package as claimed in claim 1, further comprising a heat spreading plate, said plate located only on the second face of the circuit board.
 - 9. The semiconductor package as claimed in claim 1, wherein the second face of the semiconductor chip, the second face of the circuit board, and a first face of the encapsulant are in the same plane.

10. The semiconductor package of claim 9, wherein an insulating film is attached to the second face of the

semiconductor chip, the second face of the circuit board, and the first face of the encapsulant.

- 11. The semiconductor package of claim 1, further comprising a conductive metal thin film on the second face of the semiconductor chip, the second face of the circuit board, and a co-planar first face of the encapsulant.
- 12. The semiconductor package of claim 1, further

 10 comprising a conductive ink film on the second face of the semiconductor chip, all or part of the second face of the circuit board, and a first face of the encapsulant.
- 13. The semiconductor package of claim 2, further
 15 comprising a conductive ink film on the second face of the semiconductor chip, a first face of the encapsulant, and all or part of the metal thin film.
- 14. The semiconductor package of claim 13, wherein the conductive ink film includes a design or mark.
 - 15. The semiconductor package of claim 1, wherein the electrical conductors are bond wires.
- 25 16. The semiconductor package of claim 1, wherein the package is rectangular with orthogonal peripheral sides, wherein a portion of the circuit board is exposed at the peripheral sides.

- 17. The semiconductor package of claim 5, wherein conductive balls are fused to the second circuit pattern layer.
- 18. The semiconductor package of claim 4, further

 5 comprising a second semiconductor chip mounted on the second face of the first semiconductor chip.
- 19. The semiconductor package of claim 6, wherein the package is rectangular with orthogonal peripheral sides, wherein a portion of the circuit board is exposed at the peripheral sides.
- 20. The semiconductor package of claim 8, wherein the package is rectangular with orthogonal peripheral sides, wherein a portion of the circuit board is exposed at the peripheral sides.
- 21. The semiconductor package of claim 9, wherein the package is rectangular with orthogonal peripheral sides, wherein a portion of the circuit board is exposed at the peripheral sides.
- 22. The semiconductor package of claim 10, wherein the package is rectangular with orthogonal peripheral sides, wherein a portion of the circuit board is exposed at the peripheral sides.
 - 23. The semiconductor package of claim 11, wherein the package is rectangular with orthogonal peripheral sides, wherein

a portion of the circuit board is exposed at the peripheral sides.

24. The semiconductor package of claim 12, wherein the package is rectangular with orthogonal peripheral sides, wherein a portion of the circuit board is exposed at the peripheral sides.